

ADS-B FAA/Industry Meeting
Standards and International Use of ADS-B

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Systems Architecture and Investment Analysis

CNS Systems Branch (ASD-140)

June 6, 2001

ADS-B Standards Development Activities

1090 MHz Extended Squitter

- **SARPS:** Initial SARPS approved in 1998. An update to the SARPS has been approved which aligns it with the MOPS.
- **MOPS:** RTCA/EUROCAE MOPS for 1090 MHz ADS-B were approved/published in 2000.
 - RTCA MOPS is DO-260
- Currently RTCA SC-186 WG3 is developing enhancements to the MOPS which are expected to be approved/published in 2002 as DO-260A
 - A parallel activity is on-going within ICAO which is expected to lead to a future update to Annex 10
 - A working draft of DO-260A is provided on the CD-ROM

ADS-B Standards Development Activities

VHF Mode-4

- **SARPS:** SARPS and Technical Manual were approved by ICAO Air Navigation Commission in Dec. 2000 and will be published in Oct. 2001.
 - A working draft of the Technical Manual for VDL Mode-4 is provided on the CD-ROM
- **MOPS:** The first generation EUROCAE MOPS for VDL Mode-4 have been approved/published
 - RTCA SC-186 provided a review and comments.
 - EUROCAE MOPS (ED-108) is being finalized and will be published in July 2001.
 - ETSI is developing VDL Mode-4 standards for ground stations.

Standards Development Activities

Universal Access Transceiver

- **SARPS:** ICAO AMCP WG-C is considering the need to initiate SARPS development.
- **MOPS:** Development initiated in RTCA SC-186 WG5 Dec.2000. Planned completion date is Feb. 2002.
 - US and European industry and government participation in development
 - A working draft of the UAT MOPS is provided on the CD-ROM